NASA/GODDARD SPACE FLIGHT CENTER REQUEST FOR TASK PLAN / TASK ORDER CONTRACT NO TASK NO. :-NASS-TASK NO. **AMENDMENT** 28 U 99124 QSS Group, Inc. 490-258-10-16-89 00 TASK TITLE: (NTE 80 characters; include Project name) EO-1 Flight Software Services APPROVALS: Type of print name and ASSISTANT TECHNICAL REPRÉSENTATIVE (OR TASK MONITOR) 5-12-00 490 Daniel Mandi 584 301 286-4323 BRANCH HEAD 5/12/00 Dale Schulz 490 301 286- 8417 CONTRACTING OFFICER CODE PHONE Robert S. Lebair, Jr 560 301-286-6588 FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? CONTRACTING OFFICE DESIGNATED FAM: 'IIF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK () YES The contractor shall identify and explain the reason for any deviations, exceptions, (To be completed by Contracting Officer) or conditional assumptions taken with respect to this Task Order or to any of the C.O. Requested Quote on: technical requirements of the Task Order Statement of Work and related specifications. 1 8 2000 The contractor shall complete and submit the required Reps and Certs. Contractor will develop specification or statement of work under this task for a future procurement. Flight hardware will be shipped to GSFC for testing prior to final delivery. [★] N/A Government Furnished Property/Facilities: [] NO [x] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only) Onsite Performance: [] NO [x] YES If yes: [x] TOTAL [] PARTIAL If partial, indicate onsite work in SOW by asterisk (*) Surveillance Plan Attached: [x] NO [] YES Highlighted Contract Clauses: (to be completed by Contracting Officer) Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be June 1, 2000. INCENTIVE FEE STRUCTURE (check one) (See Contract NAS5-99124, Attachment K, Incentive Fee Plan) x No. 1 No. 2 No. 3 No. 4 No. 5 Cost 10% 50% 25% 25% Schedule 15% 25% 25% 50% % Technical 50% (To be completed by Contracting Officer) 144,328 The target cost of this task order is \$ The target fee of this task order is \$ 619 The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 144,947 The maximum fee is \$ 905 The minimum fee is \$0. ELIZABETH J. AUSTIN CONTRACTING DEELCER AUTHORIZED SIGNATURE

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

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NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

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	NAS5-	TASK NO.	AMENDMENT	
QSS Group, Inc.	99124	280		

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

Desired task start date: 6/1/00

The contractor shall provide the following EO-1 flight software services:

Before Launch:

- 1. Support establishment of a suitable maintenance facility in building 14 adjacent to the MOC. The facility will provide for the development, testing, and configuration management of the EO-1 flight software assigned to Microtel-LLC.
- 2. Develop a configuration management plan detailing a formal CCB change process including detailed upload procedures. This plan will include M5 C&DH, WARP and the following RSN software: COMM, PSE, XRSN, and WARP RSN.
- 3. Develop, document and test code patch procedures for COMM, PSE, XRSN, HK and WARP RSN software.
- 4. Develop and test procedures for modification of TSM monitor points to include "derived monitor points" and associated stored command sequences.
- 5. Provide services for EO-1 launch and mission simulations.

After Launch:

- Support the FOT in operations and troubleshooting.
- 2. Develop and test flight code modifications, as needed.
- 3. Develop new TSM moitors and associated stored command uploads, as needed.
- Support FOT during maintenance.
- 5. Support FOT during maintenance uploads.

PERFORMANCE SPECIFICATIONS:

All products developed under this task shall meet EO-1 Project requirements. All products developed under this task shall be produced using accepted industry practices.

APPLICABLE DOCUMENTS:

EO-1 Project Requirements

TASK END DATE: 3/30/01

MILESTONES/DELIVERABLES AND DATES:

1.	Facility complete	6/30/00
2.	CM Plan	7/30/00
3.	Release 1	8/30/00
4.	Release 2	9/30/00
5.	Cleanup release	12/15/00
6.	Cleanup release	3/15/01

7. Technical Progress Report: monthly; due the 15th day of the month

Note: Contractor shall modify release schedule, as needed, with the agreement of the ATR.

PERFORMANCE STANDARDS:

GSEC FORM 703-1845a

Schedule:

On-time delivery/completion of the deliverables/milestones

Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Daniel Mandl, building 16, room 23